

**ABSTRACT**

Methods of making paper or paperboard are described. In one method, at least one cellulytic enzyme composition and at least one cationic polymer composition are introduced to a paper making pulp at about the same time to form a treated pulp. The pulp may also be  
5 treated with at least one cationic starch. The resulting pulp is formed into a sheet of pulp. Other paper making processes are also described. A paper making apparatus is also described for carrying out the methods. Paper and paperboard made according to the methods are also described.

5  
10  
15  
20  
25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100